

Activity #10: Mathematicians --- Old and New! (Student version)
Math

Note to students: Each report will be graded according to the performance assessment list. Be sure to address each task in the list.

Purpose: To investigate in depth one mathematician and his/her contributions
To gain an appreciation and understanding of how pervasive mathematics is in our lives
To understand that mathematical thinking is alive and well

Materials: computer, Internet, library

Procedure:

- 1. You will prepare an in depth report on one mathematician.**
 - A. Your report must include the following information:**
 - a picture of your mathematician
 - information about the math contributions made by your mathematician
 - general information about your mathematician's life
 - date and place of birth, life-span
 - education and degrees earned
 - some information about those mathematicians who influenced or were peers of your mathematician
 - B. Your report must be organized as follows:**
 - cover sheet with your name, class, date, title and graphic
 - three to five typewritten (size 12 font and double-spaced) pages, not including mathematician's picture
 - bibliography sheet
 - C. You will follow the MLA rules, as you do in English class, for formatting your report. See your English teacher or librarian for help.**
- 2. You will prepare a three to five minute speech to deliver to your classmates concerning the mathematician you researched. Be sure to include the *important facts* in your speech. You do not have to memorize, but should be familiar enough with your speech so that your notes are not read directly. Be prepared to answer some questions.**

Extension:

After the class has presented, students will write a one-page critique of the activity, describing what they learned, what could have been done better, what they would change about the activity, etc.